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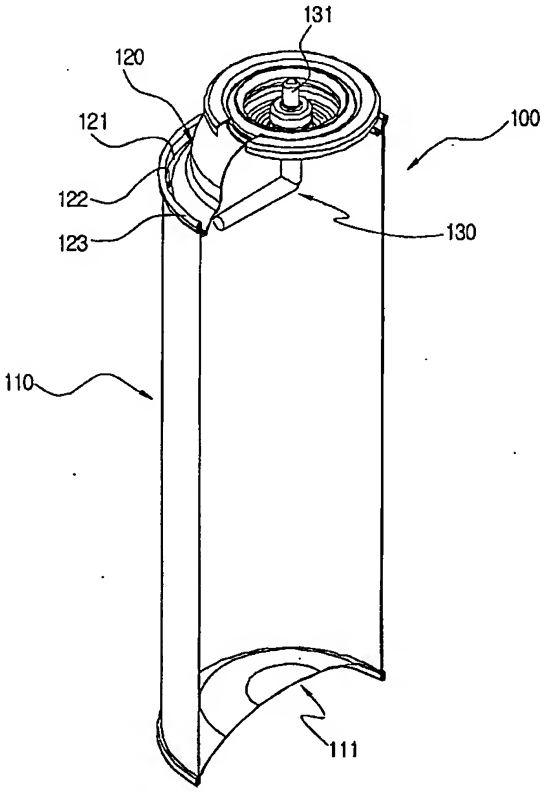
(54) Title: A SMALL SIZED AND HIGH-PRESSURIZED CONTAINER FOR PREVENTING EXPLOSION



(57) Abstract: The present invention discloses a small sized and high-pressurized container for preventing explosion. According to the preferred embodiment of the present invention, a can body has a shape of cylinder for containing high-pressurized product therein. An upper body, which has a dome-like shape, is connected to the top of the can body by seaming or welding, and comprises a groove around its lower part. A valve is mounted on the top of upper body, and discharges high-pressurized gases or liquids, which exists in the inside of the container. A plurality of scores is configured at the bottom of the groove of the upper body, in order to discharge an overpressurized product and prevent bursting or explosion of the container. The scores weaken the resistance of the upper body, so in the event of that a certain internal overpressure is applied, the upper body firstly deforms outwardly and then one or more scores are fractured, and lastly the overpressurized product is discharged from the scores.

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